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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,477	02/19/2004	Chou-Huie Yang	CU-3591 RJS	4901

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CHICAGO, IL 60604

EXAMINER
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SIMONE, CATHERINE A

ART UNIT	PAPER NUMBER
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1772

DATE MAILED: 09/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/782,477

Applicant(s)

YANG, CHOU-HUIE

Examiner

Catherine Simone

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1772

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Chavannes (US 3,142,599).

Regarding claim 1, Chavannes discloses a plastic sheet comprising a substrate (Figs. 6 and 11, #11) having a surface formed with a plurality of embossed recess portions proximate to each other (Fig. 6, #24 and Fig. 11, #82), each of the embossed recess portions being confined by a flat bottom wall (Fig. 10, #24) and a side wall that extends from the flat bottom wall to the surface (Fig. 10, #80). Regarding claim 2, the side wall of each of the embossed recess portions has a circular-shaped cross-section (Figs. 11 and 12, #82). Regarding claim 3, the flat bottom wall of each of the embossed recess portions has an elliptical-shaped cross section (Figs. 11 and 12, #82). Regarding claim 4, the embossed recess portions have the same depth (Fig. 6, #24 and Fig. 11, #82). Regarding claim 5, the side walls of the embossed recess portions are in contact with each other (Fig. 10, #80). Regarding claim 6, the side wall of each of the embossed recess portions has a rounded cross-section (Fig. 11, #82).

Regarding claim 7, Chavannes discloses a plastic sheet roll comprising a plastic sheet wound around an axis to form a roll (see Figs. 1-5, 8 and 9, and see col. 4, line 26), the sheet

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having an outer surface facing away from the axis, and an inner surface opposite to the outer surface and formed with a plurality of embossed recess portions proximate to each other (Fig. 6, #24 and Fig. 11, #82), each of the embossed recess portions being confined by a flat bottom wall (Fig. 10, #24) and a side wall that extends from the flat bottom wall to the surface (Fig. 10, #80).

Regarding claim 8, the side wall of each of the embossed recess portions has a circular-shaped cross-section (Figs. 11 and 12, #82). Regarding claim 9, the flat bottom wall of each of the embossed recess portions has an elliptical-shaped cross section (Figs. 11 and 12, #82). Regarding claim 10, the embossed recess portions have the same depth (Fig. 6, #24 and Fig. 11, #82).

Regarding claim 11, the side walls of the embossed recess portions are in contact with each other (Fig. 10, #80). Regarding claim 12, the side wall of each of the embossed recess portions has a rounded cross-section (Fig. 11, #82).

### *Conclusion*

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Catherine Simone whose telephone number is (571)272-1501. The examiner can normally be reached on 9:30-6:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon can be reached on (571) 272-1498. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Catherine A. Simone  
Examiner  
Art Unit 1772  
September 2, 2005



HAROLD PYON  
SUPERVISORY PATENT EXAMINER  
1772

9/2/05